



STATE OF IDAHO
DIVISION OF
ENVIRONMENTAL QUALITY

T2-990003

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
C. Stephen Allred, Administrator

August 6, 1999

Mr. Ron Mahan
Koch Materials Company
4303 Gekeler Lane
Boise, Idaho 83705

Re: T2-990003, Koch Materials Company, (Boise)
Tier II Operating Permit #001-00049 Amendment

Dear Mr. Mahan:

On April 5, 1999, the Division of Environmental Quality (DEQ) received a letter from Koch Materials Company (Boise) requesting changes to their Tier II Operating Permit (OP) # 001-00049. Based on a review of the letter and state and federal rules and regulations, DEQ finds that this project meets the provisions of IDAPA 16.01.01.400 (Rules for the Control of Air Pollution in Idaho). Enclosed are the amended pages 3a and 3b of 9 of OP #001-00049 to be inserted for the original page 3 of 9 of OP #001-00049 on April 4, 1997. All other OP provisions remain unchanged and continue to apply. It is recommended that a copy of this letter be kept with the original OP.

If you have any questions regarding the terms or conditions of the enclosed permit amendment, please contact Robert Baldwin, Air Quality Engineer, at 208-373-0502.

Sincerely,

A handwritten signature in cursive script, reading "Orville D. Green".

Orville D. Green
Administrator
State Air Quality Program

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G:\HW\BALDWIN\OP\TIER 2\KOCH\BOISE\AMEND OP2

cc: **P. Rayne**
R. Wilkosz
T. Krinke, Boise Regional Office
Permit File Manual
WPS File
EPA IOO
Source File (#001-00049)
COF

AIR POLLUTION OPERATING PERMIT

PERMITTEE, PROJECT, AND LOCATION

PERMIT NUMBER

0	0	1	-	0	0	0	4	9
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Koch Materials Company
Tier II Operating Permit
Boise, Idaho

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

SOURCE

Fuel Burning Equipment, Boilers, and Hot Oil Heater

1. EMISSION LIMITS

1.1 Particulate Matter (PM)

- 1.1.1 The particulate matter (PM) emission from each boiler stack and hot oil heater stack shall not exceed 0.015 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when natural gas is combusted in accordance with IDAPA 16.01.01.677.
- 1.1.2 The particulate matter (PM) emission from each boiler stack and hot oil heater stack shall not exceed .05 grains per dry standard cubic foot of effluent gas adjusted to three percent (3%) oxygen by volume when #1 or #2 fuel oil is combusted in accordance with IDAPA 16.01.01.677.

1.2 Volatile Organic Compounds (VOC)

Emissions of volatile organic compounds (VOCs) emanating from each boiler stack and hot oil heater stack shall not exceed any corresponding emission limit listed in Appendix A of this permit.

1.3 Visible Emissions

Visible emissions from each exhaust stack shall not exceed twenty percent (20%) opacity over a period or periods aggregating more than three (3) minutes in any sixty (60) minute period in accordance with IDAPA 16.01.01.625. Opacity shall be determined using the procedures contained in IDAPA 16.01.01.625.


ADMINISTRATOR, STATE AIR QUALITY PROGRAM
DIVISION OF ENVIRONMENTAL QUALITY

ISSUED: August 6, 1999
EXPIRES: April 4, 2002

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AIR POLLUTION OPERATING PERMIT

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Koch Materials Company
Tier II Operating Permit
Boise, Idaho

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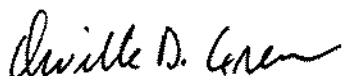
SOURCE

Fuel Burning Equipment, Boilers, and Hot Oil Heater

2. OPERATING REQUIREMENTS

- 2.1 The Permittee shall install, maintain, and operate the boilers and hot oil heater according to the manufacturer's specifications.
- 2.2 The Permittee shall not use any distillate oil (#1 or #2 fuel oil) containing more than 0.5 percent sulfur by weight in accordance with IDAPA 16.01.01.728.
- 2.3 Fuel Usage

The maximum amount of natural gas combusted from the combined units of two (2) Kewanee Boilers and one (1) Cleaver-Brooks Hot Oil Heater shall not exceed thirty-two thousand, eight hundred (32,800) standard cubic feet per hour (scf/hr) or three hundred twenty-eight (328) therms per hour. The annual amount of natural gas combusted from the combined units of two (2) Kewanee Boilers and one (1) Cleaver-Brooks Hot Oil Heater shall not exceed two hundred eighty-seven million, three hundred sixty thousand (287,360,000) scf/yr or two million, eight hundred seventy-three thousand, six hundred (2,873,600) scf/yr or two million, eight hundred seventy-three thousand, six hundred (2,873,600) therms per year.



ADMINISTRATOR, STATE AIR QUALITY PROGRAM
DIVISION OF ENVIRONMENTAL QUALITY

ISSUED: August 6, 1999
EXPIRES: April 4, 2002

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